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**Fax**

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☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

~~#8~~ 10/823,912

I mailed the wrong

P. 3 of 15 and P. 4 of 15

Here are the original and

Replacement sheet for my

Newly filed RCE. Thx

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MAY 22 2009

Page 3  
of 15Replacement Sheet  
05/22/09

Appl. No. 10/823,912  
 Amdt. dated May 19, 2009  
 Reply to Office action of Feb. 24, 2009

[0006] FSTV operators could run SSTV over their SAP (second Audio Programme) of the commercial TV station. Some Amateur TV operators do run Video on the AM Carrier, Audio on the FM-1 Carrier, and SSTV on the FM-2 Carrier (AM 430 and F5C-70).

(0006) fig.9

<u>901 ANTENNA</u>	<u>910 DIAL TUNER</u>
<u>902 RF AMPLIFIER</u>	<u>911 LOCAL OSCILLATOR, 455 kHz</u>
<u>903 MIXER 1</u>	<u>912 PRESCALER</u>
<u>904 AUDIO IF AMP, 455 kHz</u>	<u>913 MIXER 2</u>
<u>905 AUDIO DETECTOR</u>	<u>914 VIDEO IF AMP, 455 kHz</u>
<u>906 AM stereo MATRIX</u>	<u>915 VIDEO DESCRIMINATOR</u>
<u>907 AUDIO DESCRIMINATOR</u>	<u>916 LIMITER</u>
<u>908 LEFT AUDIO AMP @ +45°</u>	<u>917 VIDEO AF AMP</u>
<u>909 RIGHT AUDIO AMP @ -45°</u>	<u>918 SLOW SCAN COLOR TV CONVERTER</u>
	<u>919 DELAY LINE</u>

RF = 530 kHz to 1700 kHz @ AM

PRE-SCALER = RF + (-3) kHz @ FM @

BW 4 kHz

AM STATION BANDWIDTH = 15 kHz

AM AUDIO CARRIER = AM STEREO

(1st-2) @ BW 10 kHz

AM VIDEO CARRIER = NBFM @ BW

4 kHz

COLOR SSTV MODE = FAST FM

O = RED LED

AM STEREO

O = GREEN LED

COLOR SSTV

RADIOVISION FM VIDEO AM STEREO RECEIVER (SSTV).

Replacement Sheet 05/22/09

Appl. No. 10/823,912  
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of 15

Fig.10

1001 The Kenwood VC-H1 wiring guide.

1002 Wiring set up for the RAVEN video am stereo  
transmitter.

~~[0016] FIG.1. Block diagram of THE RAVEN SYSTEM~~

~~[0016] Fig.1~~

~~100. Color TV monitor. 101. DVD player. 102. Delay line 400 nano second to left channel. 103. Left  
and right channel 45 degree out of phase networks. 104. Optional pre-emphasis. 105. Stereo limiter.  
106. AM stereo transmitter. 107. Antenna. 108 and 111 RF signal combiner called a diplexer. 109.  
Stacker increases the electrical length of the antenna. 110. Antenna Tuner. 112. Video  
transmitter. 113. De-emphasis input. 114. Slow Scan TV converter. 115. Auto switch to SSTV  
converter.~~

~~1) [0017] other drawings are schematics of: - 45 degrees, + 45 degrees right and left  
channel phase networks; KENWOOD VC H1 Cable setups; LM 555 auto switch  
one notarized log of three drawings on one page: (A) the testing of audio on the  
AM band; (B) a test of an AM picture on the AM band (C) a test of a FM  
picture on the AM band. (All tests were done with audio on the AM band).~~

Original  
P 3 of 15  
5/21/09

~~[(0006)] FSTV operators could run SSTV over their SAP (second Audio Programmer) of the commercial TV station. Some Amateur TV operators do run Video on the AM Carrier, Audio on the FM-1 Carrier, and SSTV on the FM-2 Carrier. (AM 439 and TSC 70.)~~

(0006)

fig.9

<u>901 ANTENNA</u>	<u>910 DIAL TUNER</u>
<u>902 RF AMPLIFIER</u>	<u>911 LOCAL OSCILLATOR. 455 kHz</u>
<u>903 MIXER 1</u>	<u>912 PRESCALER</u>
<u>904 AUDIO IF AMP.455 kHz</u>	<u>913 MIXER 2</u>
<u>905 AUDIO DETECTOR</u>	<u>914 VIDEO IF AMP.455 kHz</u>
<u>906 AM stereo MATRIX</u>	<u>915 VIDEO DESCRIMINATOR</u>
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<u>908 LEFT AUDIO AMP@+45*</u>	<u>917 VIDEO AF AMP</u>
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	<u>919 DELAY LINE</u>

Fig.10

1001 The Kenwood VC-H1 wiring guide.

1002 Wiring set up for the RAVEN video am stereo transmitter.

05/21/09 Original  
P 2 of P 15

# ~~[0016] FIG. 1. Block diagram of THE RAVEN SYSTEM~~

[0016]

Fig 1

100. Color TV monitor. 101. DVD player. 102. Delay line 400 nano second to left channel. 103. Left and right channel 45 degree out of phase networks. 104. Optional pre-emphasis. 105. Stereo limiter. 106. AM stereo transmitter. 107. Antenna. 108 and 111 RF signal combiner called a diplexer. 109. Stacker increases the electrical length of the antenna. 110. Antenna Tuner. 112. Video transmitter. 113. De-emphasis input. 114. Slow Scan TV converter. 115. Auto switch to SSTV converter.

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[0017]

FIG 2

101. DVD Player. 106. AM Stereo Transmitter. 107. Antenna. 108. Diplexer. 109. Stacker. 110. Antenna tuner. 112. Video transmitter. 114. SSTV converter. 115. SSTV auto switch.